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SM-10-007 Performance Lifecycle Management

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PURPOSE

Enterprise IT Performance Lifecycle Management (Lifecycle Management) is a combination of methodologies, processes, metrics, and systems that allows an organization to manage and to report on the performance of IT investments.

This standard establishes the minimum common practices for managing the life of an information technology system (the investment) from initiation through disposition. The practices include investment reviews by key stakeholders at selected points of the investment lifecycle. These reviews, called Stage Gate Reviews, are a business owner's mechanism to ensure the viability of the investment and the compliance with agency, state and federal laws and regulations, as required. Key stakeholders provide the review results with any recommended action to the business owner for decision.

STANDARD

An Agency which uses information technology to support a business process shall ensure the use of Lifecycle Management to manage the initial and continuing investment of funds for information technology applied to the business process. Lifecycle Management shall be used to organize deliverables and make decisions on an information technology investment through the planning and building into an operational or production state, and to organize deliverables and decisions concerning subsequent system support and operations and the eventual retirement, disposal and discontinuation of service activities. Lifecycle Management procedures shall be documented and, at a minimum, include the following components:

- Adoption of Enterprise IT Lifecycle Framework to manage IT investments as follows:
 - For those investments designated for Enterprise-level review by GTAs Enterprise Program Management Office, Lifecycle Management including the use of the Enterprise IT Lifecycle Framework shall be applied by Program (or Project) Managers and the Enterprise-level IT business owner.
 - Other investments are designated for Agency review. Lifecycle Management shall be applied by Program (or Project) Managers as appropriate, the Agency business owners and/or IT governing bodies.
- Stage Gate Reviews, at a minimum, are required at the end of the Plan process and the Build process but may be more frequent at the discretion of Key Stakeholders as determined during the Planning Stage. To prepare for Stage Gate Reviews, the Program (or Project) Manager shall provide required stage gate documentation, documentation of known issues and plans. The results of the review shall be provided with recommended action to the business owner and appropriate IT governing body for decision.